Vamshi Prasad Goteti

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# PROFESSIONAL SUMMARY

Results-driven **Backend Developer** with hands-on experience in full-stack development using **ASP.NET MVC, C#, SQL Server**, and cloud-native applications. Proven expertise in **REST API development, DevOps (CI/CD pipelines, GitHub Actions), AWS**, and containerized deployment. Skilled at performance tuning, system design, and implementing **role-based security and data validation**. Holds an MSc in Computing with a focus on cloud, databases, and software engineering. Open to graduate and mid-level software or backend roles across the UK or India.



# TECHNICAL SKILLS

**Languages: C#, JavaScript, TypeScript, Python (basic)**

**Frameworks: ASP.NET MVC, Node.js, Entity Framework**

**Databases: SQL Server, MySQL, Oracle**

**Cloud & DevOps: AWS (Certified), Azure (Basic), REST APIs, Power Platform, GitHub Actions, CI/CD, Docker (basic)**

**Tools: Visual Studio, Postman, SQL Profiler, Power BI, Git, Agile/Scrum**

**Development Methodologies: Agile, SDLC, Unit Testing, Technical Documentation, Microservices**

# PROFESSIONAL EXPERIENCE

**Backend Developer – Newham Mosaic LMS**  
*University of East London (in collaboration with Future Electronics)*  
📍 London, UK | Oct 2024 – May 2025

* Developed secure, scalable **RESTful APIs** and full-stack **CRUD modules** for managing attendance, profiles, and course content.
* Implemented **role-based authentication** and access control, reducing unauthorized access by **45%**.
* Tuned SQL Server queries and **indexed schemas**, improving database performance by **30%**.
* Wrote automated **unit tests**, integrated GitHub Actions for CI, and reduced post-release bugs by **35%**.
* Deployed AWS-based monitoring with Power BI for real-time analytics and cloud-native metrics.

# EDUCATION

**MSc in Computing (with Industrial Placement)  
*University of East London, UK*** 📍 Sept 2023 – May 2025 | Grade: Merit (64%)  
**Modules**: Software Engineering, Cloud Computing, Database Systems, Networking

**B.Tech in Electronics and Communication Engineering  
*Jawaharlal Nehru Technological University, India***

# PROJECTS

**Cooking Activity Recognition (Dissertation)**

* Developed a smart AI-based system to classify kitchen activities using **CNN and LSTM** deep learning models.
* Used **Python, TensorFlow, OpenCV**, and sensor data to achieve **90%+ accuracy**.
* Demonstrated robust handling of multimodal inputs and real-time video classification.

**E-Commerce Web Portal**

* Built a fully functional e-commerce platform using **ASP.NET MVC, C#, SQL Server**, and RESTful APIs.
* Implemented secure login, session management, and payment integration.
* Worked in an Agile team environment using GitHub for version control and sprint tracking.

# CERTIFICATIONS

* AWS Certified Cloud Practitioner – Simplilearn
* Linux Fundamentals – Simplilearn
* Microsoft Azure Fundamentals (AZ-204) – Microsoft
* GitHub Actions & DevOps Workshop – GitHub India

AWARDS & ACHIEVEMENTS

* Finalist – **University of East London Hackathon 2025**
* Winner – **Best Backend Contribution**, LMS Project
* Participant – **Microsoft Learn Ambassadors Webinar on Azure**

LANGUAGES

English (Fluent), Telugu (Native), Hindi (Fluent)